IN THE CLAIMS:

Please ADD new claim 60 as follows:

1. (Previously Presented) A mobile phone which is able to be carried by an authorized user for performing various electronic information processes, comprising:

a main body;

a battery pack detachably attached to the main body for supplying power thereto, said battery pack having an input/output section integrally formed therewith for performing a user verification function using input/output signals comprising biometric information of a user of the mobile phone;

wherein, said user verification function verifies the identity of an authorized user of the mobile phone based on the biometric information, and

an interface section comprising an optical communications means for optically receiving/transmitting signals as the input/output signals, disposed on a contact surface between the battery pack and the main body, for transferring the input/output signals relating to the biometric information between said main body and the battery pack.

2. – 51. (Canceled)

52. (Previously Presented) A mobile phone comprising:

a main body of the mobile phone;

a battery pack detachably attached to the main body for supplying power to the main body, the battery pack having an input/output section to input information to the battery pack from outside of the mobile phone, and to output information from the battery pack to outside of the mobile phone; and

an interface section comprising an optical communication means for optically receiving/transmitting signals as the input/output signals, disposed on a contact surface between the battery pack and the main body, providing communications between the main body and the battery pack, wherein the battery pack and the interface section operate together to allow biometric information of a user of the mobile phone to be input to the main body from outside of the mobile phone to provide a user verification function to verify the identity of an authorized user of the mobile phone utilizing the biometric information being input to the battery pack through the input/output section and then being input to the main body via communication between the battery pack and the interface section, and to allow information to be output from the main body to outside of the mobile phone by being output from the main body to the battery pack via communication between the interface section and the battery pack and then being

output from the battery pack to outside of the mobile phone through the input/output section.

53. (Previously Presented) A mobile phone as in claim 52, wherein information input to the main body from outside of the mobile phone by being input to the battery pack provides additional functionality to the mobile phone.

54. (Canceled)

55. (Canceled)

56. (Previously Presented) The mobile phone according to claim 52, wherein the battery pack contains a processor for utilizing the biometric information to provide the user verification function.

57. (Previously Presented) The mobile phone according to claim 56, wherein the battery pack contains a memory for storing personal data of an authorized user of the mobile phone.

58. (Previously Presented) The mobile phone according to claim 56, wherein the battery pack communicates a result of the user verification function to the main body of the mobile phone.

59. (Previously Presented) The mobile phone according to claim 57, wherein the processor compares the personal data stored in the memory with the biometric information of a user of the mobile phone that is input into the input/output section of the battery pack, to provide the user verification function.

60. (New) A mobile phone comprising:

a main body;

a battery pack, detachably attached to the main body, supplying power to the main body, the battery pack comprising an input section integrally formed with the battery pack; and

an interface section, disposed on a contact surface between the battery pack and the main body, optically transmitting signals between the main body and the battery pack,

wherein biometric information of a user of the mobile phone is input to the input section of the battery pack, and the main body and the battery back communicate via signals optically transmitted between the main body and the battery pack by the interface section so that the mobile phone verifies whether the user is an authorized user of the mobile phone based on the inputted biometric information.